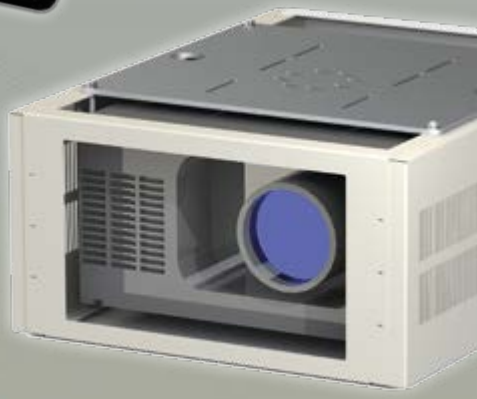
Robolift®

NEW ... Robolift®
controlled with an app!
Wireless! iOS or android!



2014

Made in Germany

2014-2015

University of Innsbruck/ Austria

Compact

- TÜV GS proved
- optional similar DIN 15560-46/ BGV C1
- variable travels up 0,5 to 4,5m
- for Displays to 65“ and projectors
- optional cable channel inside
- optional man. turn mechanism
- steelcable control incl.
- optional Housings
- good cable routing: also electricity, water, air, video - and audio, etc.

Compact + Flat

- extrem loadable and trusty
- Alu/ anodized/ stainless steel
- Control panel incl.
- Safety brake incl.

Robolift®

- the problem solver. It is developed for in-house applications, can be used for a range of different purposes, can be operated by remote control, and lifts objects as heavy as 50kg up to, or into, the suspended ceiling.

„So that you can still have considerable lifting power in old age“, while preventing damage to your back. Let Robolift do the lifting, and go easy on your spine. Establish order and safety in the room. Conceal your furnishings: no-one will know what is hiding behind the suspended ceiling, and you will prevent unauthorized use, or even theft. The design with aluminum finish is timeless. Despite the concentration of high-end technology, the Robolift looks very elegant, almost like a clockwork mechanism. Each small component is part of an overall concept.

The idea of the Robolift from the user‘s perspective is as follows: objects are to be raised into the ceiling, so you take the Robolift, install four bolts in the concrete ceiling, plug the power cable into the plug socket, take the remote control, and the lift is ready to use. If a plug socket is available, there is no need for an electrician.

With regards to safety: the Robolift is TÜV-GS-

continue on side 6 ...

Every prices based on, ex. works, ex. taxes and ex. packing. Every specifications of drawings are mm.

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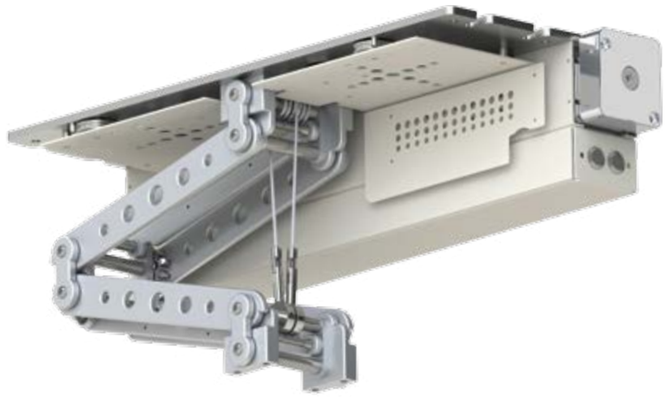
Robolift Compact

C050



The trusty, efficient „Onefold-mechanism-ceiling-mounted lift“ for projectors, displays, cameras, lights, and more ...

With safety brake system. With control unit 5V12 and steel cable controlsensor (Reflect Eye Control), plug and play, fully wired, activation immediately. The Robolift® Compact will be delivered with a user manual. Every Robolift-parts are manufacted by CNC-maschines and high precision at our manufactur.

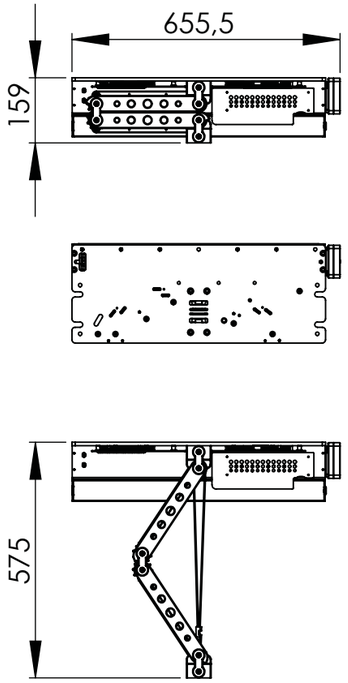
Every Robolift is custom-made, on order, under highest accuracy assembled, multiple proved.

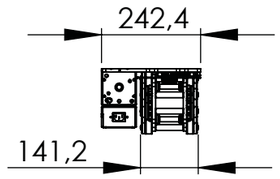
Note: If the mounted-lift is working well, it need maintenance in timeframe of 12* to 24* month.

*small or big maintenance

ZDF Mainz/ German television

Robolift C050





Bemessungs...

...t nach: EN 60335-1/A15:2012
DIN 15560-46:2008
PPP 58030A:2010

Das Produkt entspricht hinsichtlich der Gewährleistung von Sicherheit und Gesundheit den Anforderungen des deutschen Produktsicherheitsgesetzes § 20 bis 22 ProdSG. Es kann mit den oben abgebildeten Prüfzeichen gekennzeichnet werden. Eine Veränderung der Darstellung der Prüfzeichen ist nicht erlaubt. Die Übertragung eines Zertifikates durch den Zertifikatsinhaber an Dritte ist unzulässig. Das Zertifikat ist gültig bis zum angegebenen Zeitpunkt, sofern es nicht früher gekündigt wird. Umseitige Hinweise sind zu beachten.

Prüfbericht Nr.: 713005114/001

Gültig bis: 2017-06-27

Datum, 2013-05-08 (Werner Müller-Starke)

527932

Seite 1 von 1

TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

NEW ... Robolift® controlled with an app! **Wireless***
iOS or android compatible

(incl. app licence for iphone/ ipad)

*Access point are required. Not included in the delivery.

This electronic device will be build in as a extension of the e-box, if you have choose this additional.

Incl. configuration file with 2 buttons „up“ and „down“. For custom-made installing at your iOS device.

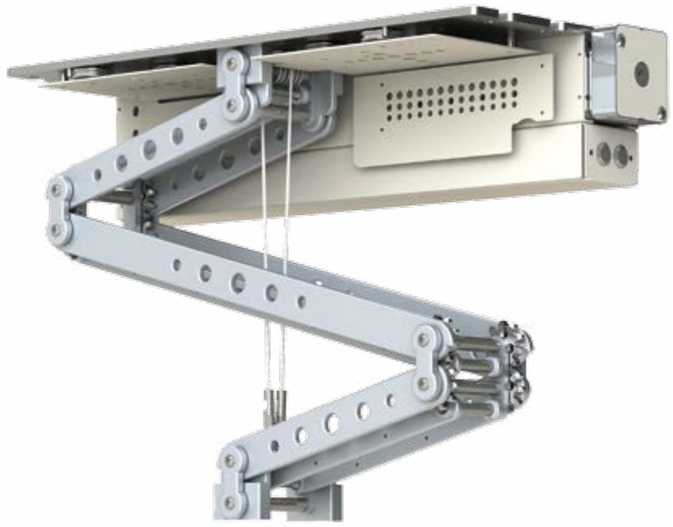
Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C050				3,9 kg	0,55 m	15,0 kg	36,0 kg	Gemini/ 25Nm
Robolift C050V				3,9 kg	0,55 m	15,0 kg	52,1 kg	Vectran/ 45Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41“	
Displayholder up/to 63“	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

*constructing, programming,milling, under specification

C100

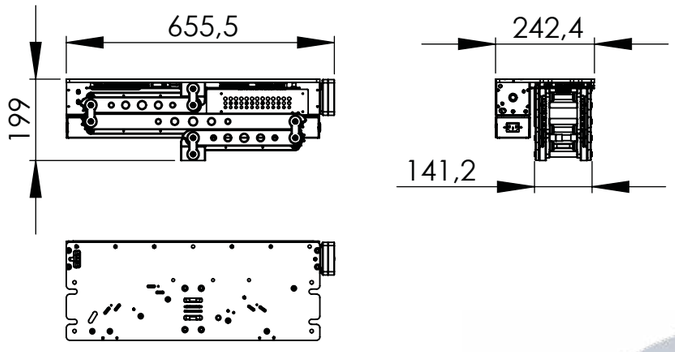


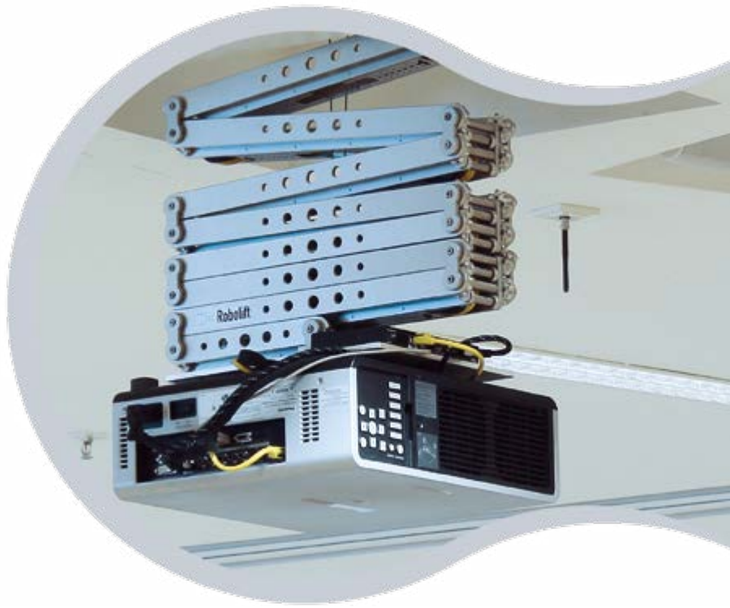
continue from side 3 ...

certified according to standards similar DIN 15560-46/ BGV C1 and VDE EN 60335-1. It complies with the strictest EU regulations, and bears the CE mark. Thus, we guarantee the highest level of quality. The static properties are of very stable dimensions. Every load-bearing element is doubly safeguarded.

The security brake system safeguards the lift. Should the motor brake fail, a ball blocks the rolling motion, and the lift stops immediately. A contact switch interrupts the power supply.

TU Darmstadt, Audimax/ University of Germany





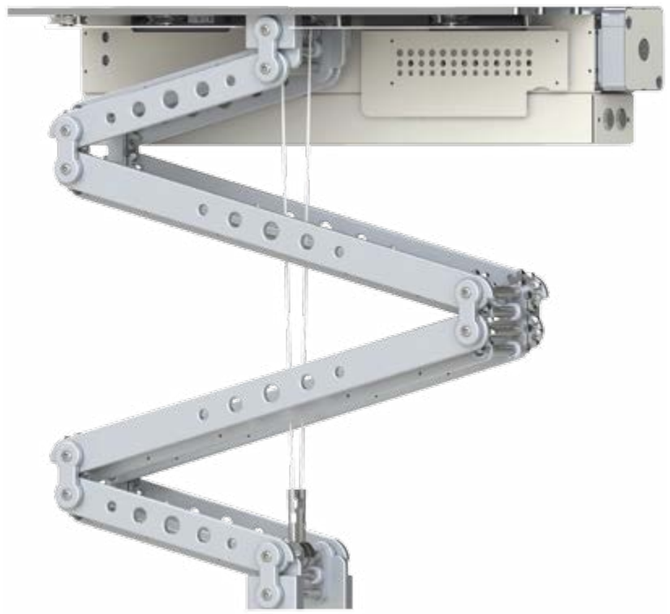
Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C100				5,8 kg	0,95 m	16,5 kg	34,0 kg	Gemini/ 25Nm
Robolift C100V				5,8 kg	0,95 m	16,5 kg	50,2 kg	Vectran/ 45Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

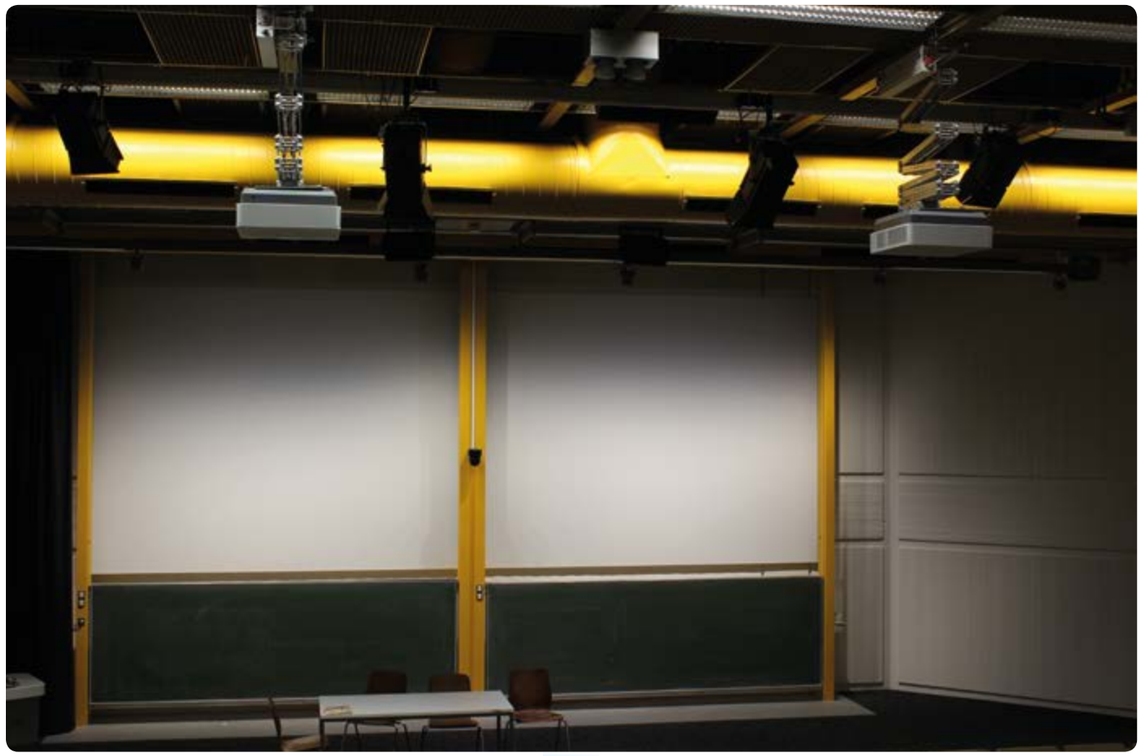
*constructing, pro-gramming,milling, under specification

C150



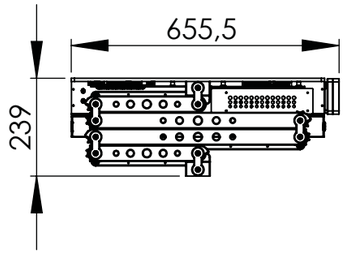
If the hoisted object gets jammed, or contacts the ground, the collision guard* switches off the motor.

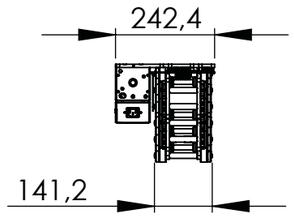
A cable duct is integrated for cable routing. A controller is built in as standard, depending on the model; the technician can operate

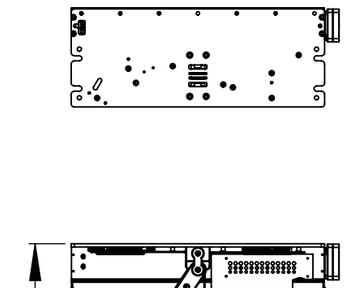


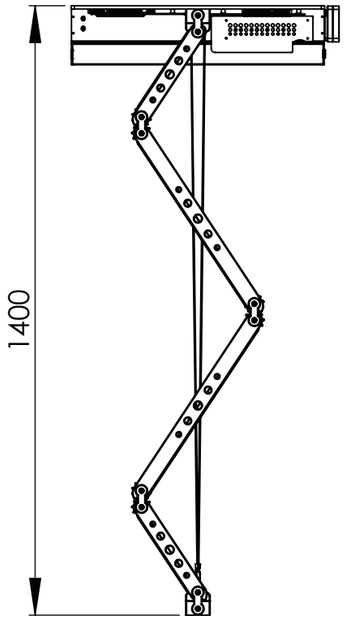
University of Augsburg/ Germany

Robolift C150









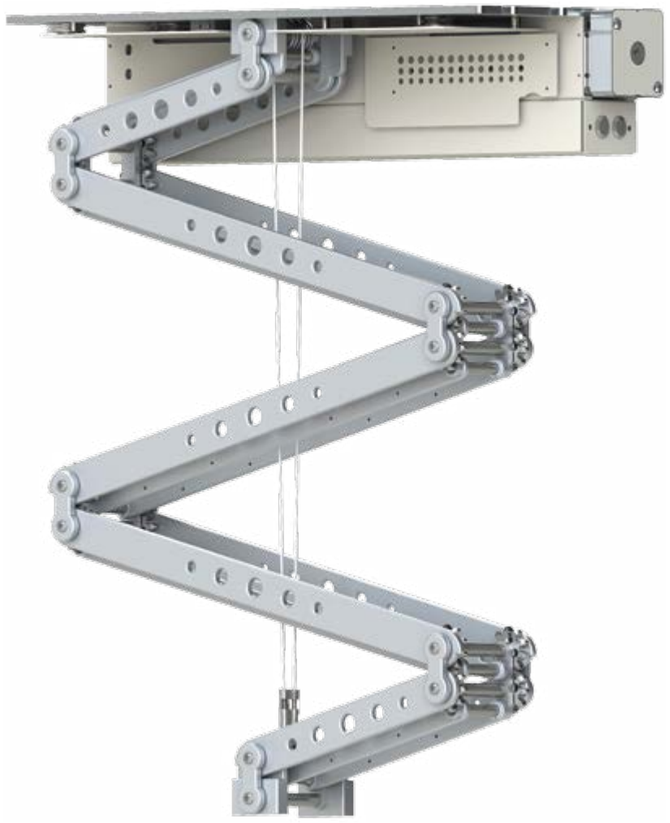
Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C150				7,7 kg	1,40 m	18,0 kg	32,0 kg	Gemini/ 25Nm
Robolift C150V				7,7 kg	1,40 m	18,0 kg	48,3 kg	Vectran/ 45Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

*constructing, pro-gramming,milling, under specification

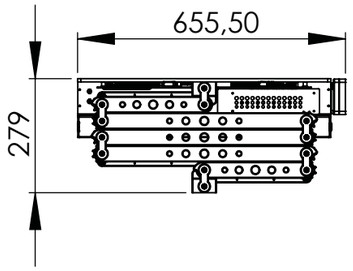
C200

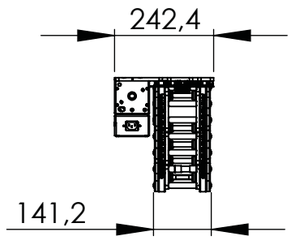


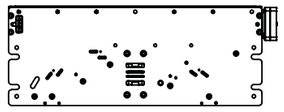
the lift directly at the housing, even during installation. An RF remote control* is included with the controller (additional remote controls can be loaded) and has a range of up to 100m. A wireless wall switch can be loaded in and installed within minutes - the battery lasts 3

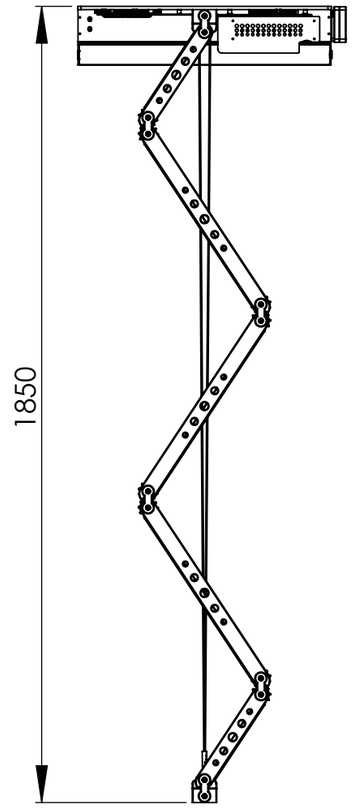
continue on side 16 ...

University of Augsburg/ Germany









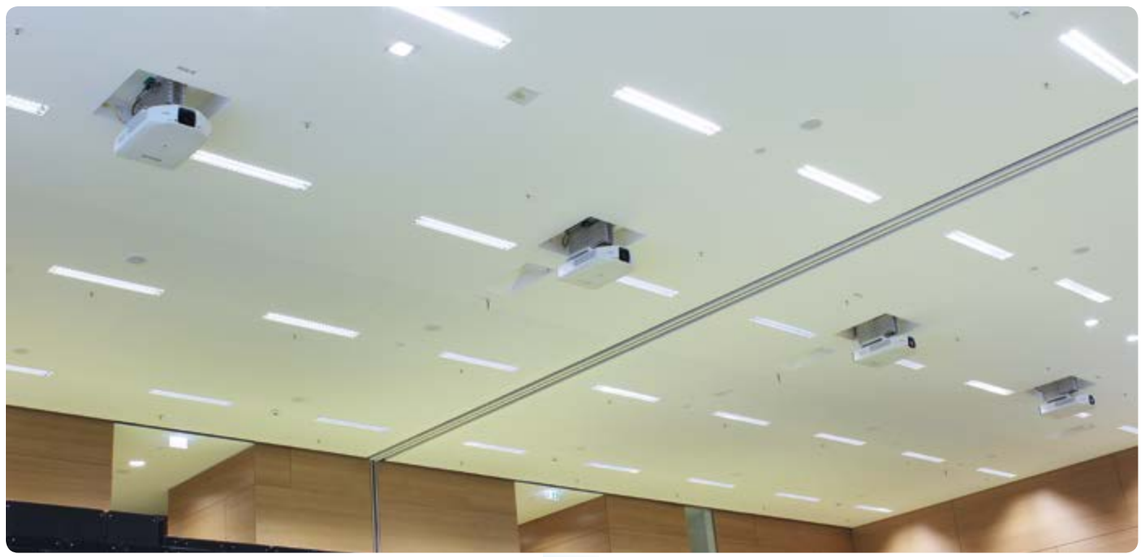
Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C200				9,3 kg	1,85 m	19,5 kg	30,0 kg	Gemini/ 25Nm
Robolift C200V				9,3 kg	1,85 m	19,5 kg	46,7 kg	Vectran/ 45Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

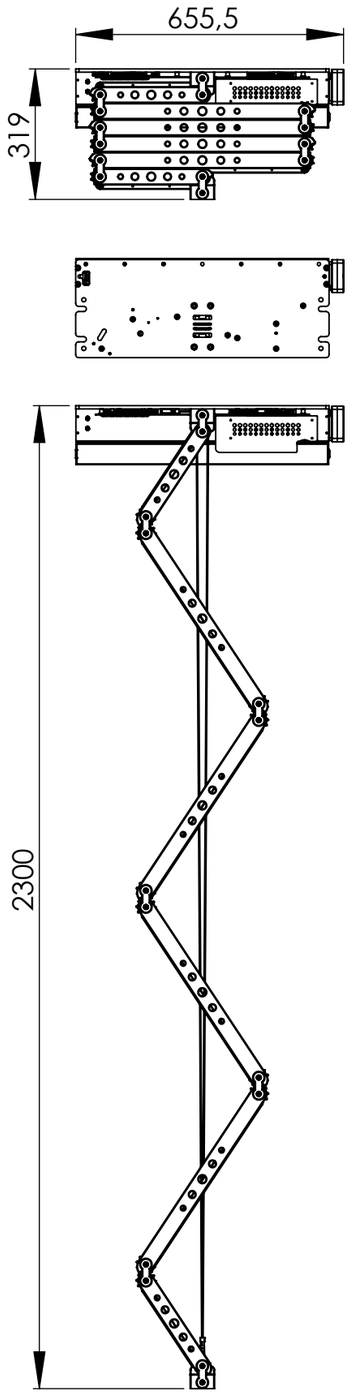
Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

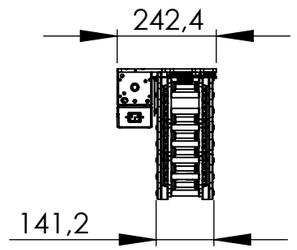
*constructing, pro-gramming,milling, under specification

C250



TU Darmstadt, Lichtwiese/ University of Germany





Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C250				11,1 kg	2,30 m	21,0 kg	28,0 kg	Gemini/ 25Nm
Robolift C250V				11,1 kg	2,30 m	21,0 kg	44,9 kg	Vectran/ 45Nm

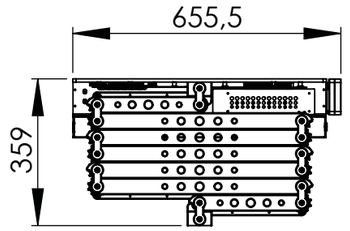
Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

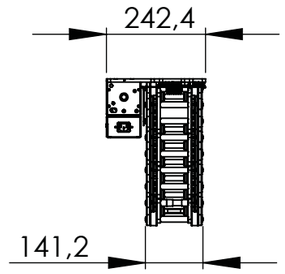
Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

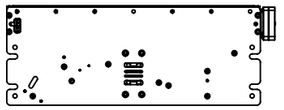
*constructing, pro-gramming,milling, under specification

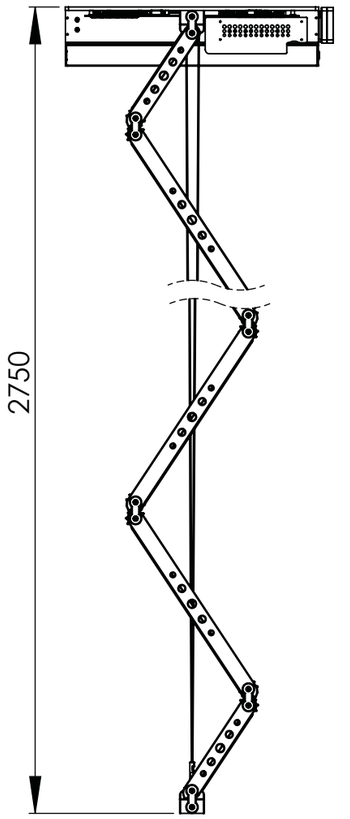
C300

University of Innsbruck/ Austria









Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C300				12,8 kg	2,75 m	22,5 kg	26,0 kg	Gemini/ 25Nm
Robolift C300V				12,8 kg	2,75 m	22,5 kg	43,2 kg	Vectran/ 45Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

*constructing, pro-gramming,milling, under specification

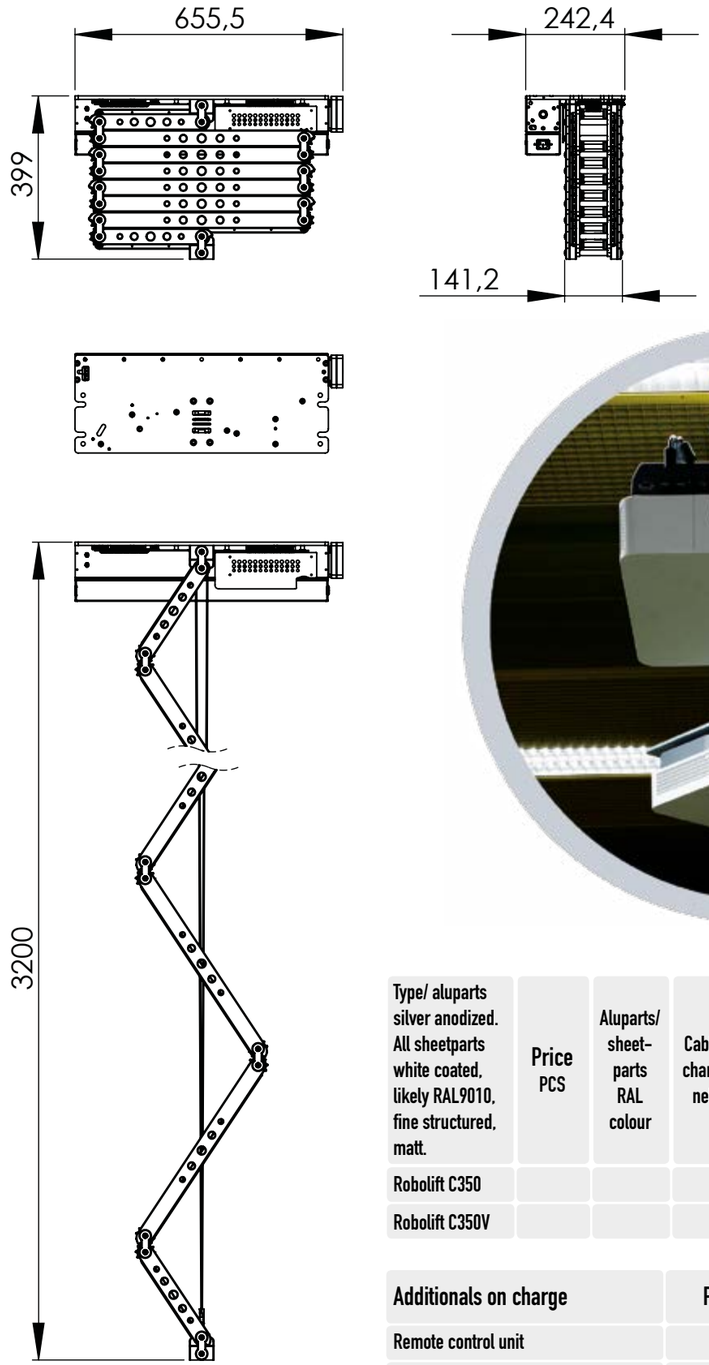
C350

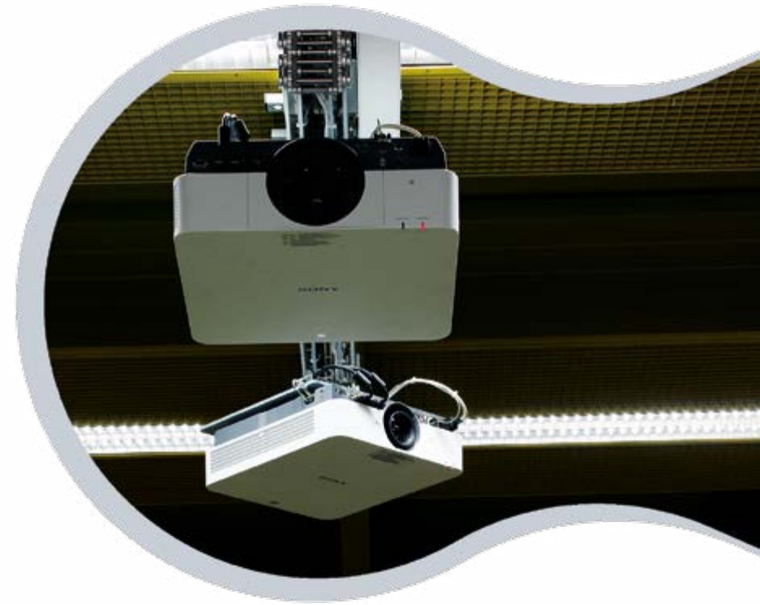
With its light structure, the Robolift can raise loads which are about double its own weight.

continue from side 10 ...

years.

The Robolift can also be integrated with a media controller. In this case, you will not need the standard SOMFY controller. The user manual explains how to connect your media controller.





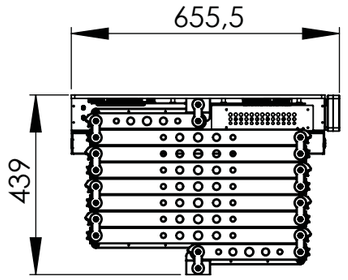
Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C350				14,6 kg	3,20 m	24,0 kg	24,0 kg	Gemini/ 25Nm
Robolift C350V				14,6 kg	3,20 m	24,0 kg	41,4 kg	Vectran/ 45Nm

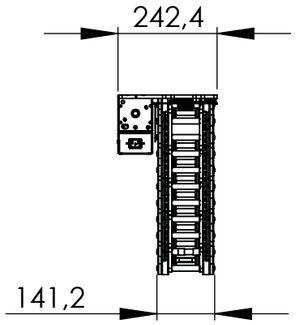
Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

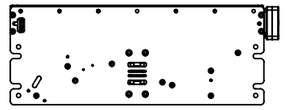
Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

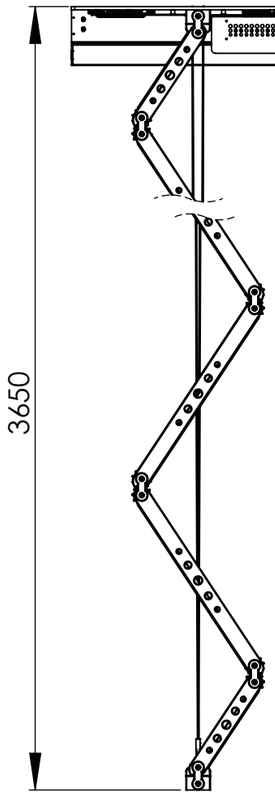
*constructing, pro-gramming,milling, under specification

C400









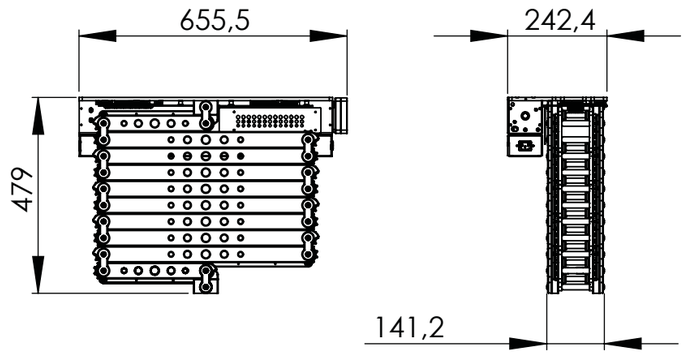
Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C400				16,3 kg	3,65 m	25,5 kg	22.0 kg	Gemini/ 25Nm
Robolift C400V				16,3 kg	3,65 m	25,5 kg	39,7 kg	Vectran/ 45Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

*constructing, pro-gramming,milling, under specification

C450



Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	max. travel	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
Robolift C450				18,1 kg	4,10 m	27,0 kg	20,0 kg	Gemini/ 25Nm
Robolift C450V				18,1 kg	4,10 m	27,0 kg	37,9 kg	Vectran/ 45Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Manual turn mechanism 360°	
Displayadaption* *without holder	
Displayholder up/to 41"	
Displayholder up/to 63"	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	

Adaption plates* alu precision material AlMg4,5Mn	PCS
format max. 240 x 480 x 8 mm	
format max. 480 x 480 x 8 mm	
format max. 990 x 990 x 8 mm	

*constructing, pro-gramming,milling, under specification

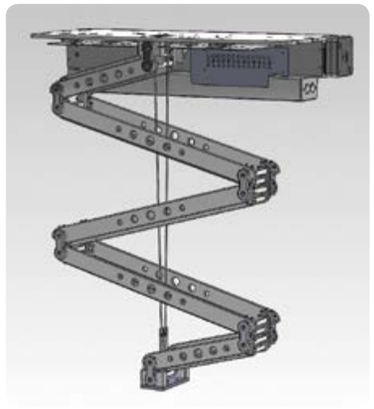
Vectran motorisation

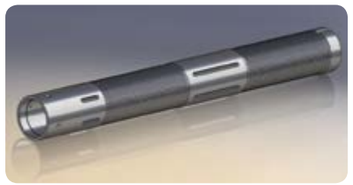
In the case of big loadings, similar the indictations at the order-tables and intensive up- and down-drivings of using, you have to select the Vectran motor engine with 45 Nm. The optimated inside air technice will cooling well the lift and the motor engine. It will working very reliable and trusty.

The prices for the Vectran models: C050V, C100V, C150V, C200V, C250V, C300V, C350V, C400V and C450V, you find at the order-tables of version „Compact“.

ZDF Mainz/ German television

Robolift Vectran – more power for intensive using

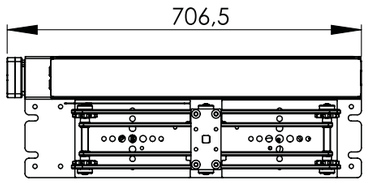


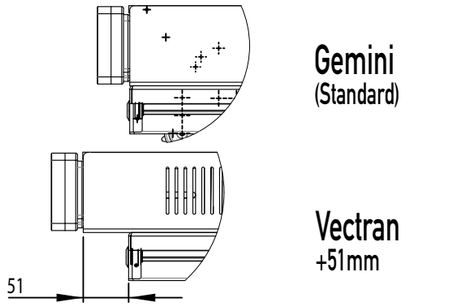


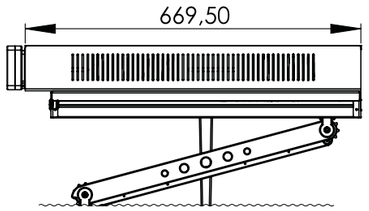
Engine/ Advice:

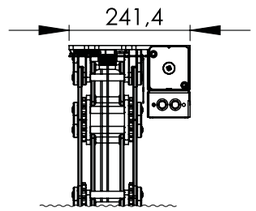
As standard-engine we integrate „Gemini“ with 25 Nm inside. Additional you can take „Vectran“ as highpower-version with 45Nm. This engine-has a lot more power, and the engine-case is 51 mm longer, together with airlouvers. Take „Vectran“ if you approach full capacity and occupancy rate. For example: You take a large travel version and use max. load capacity, or drive often per day long up and down distances.

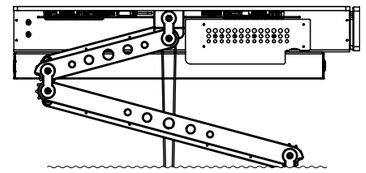
Please read the user manual to this theme.



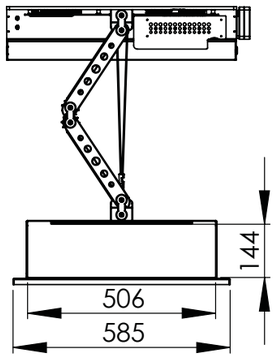


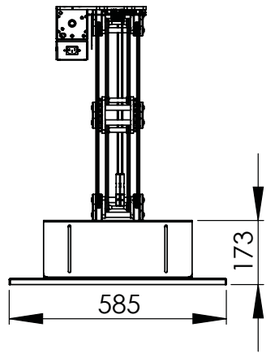


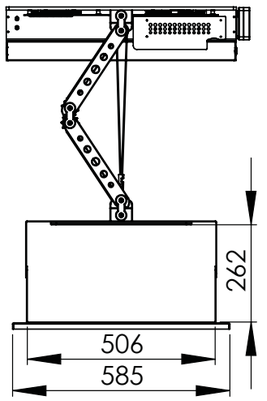


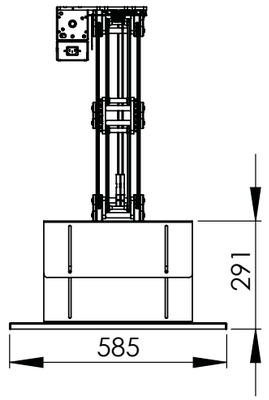


House A







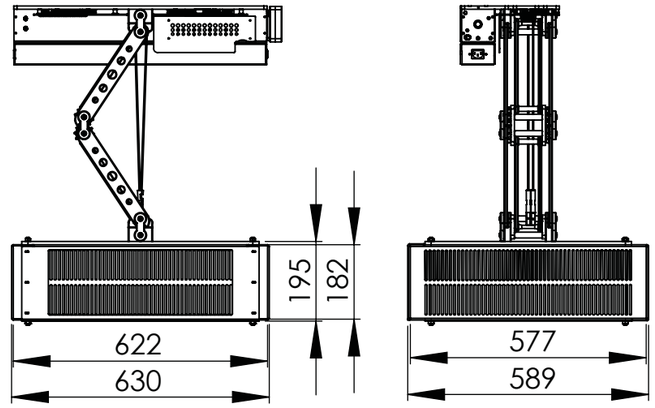


If you want to install the Robolift Compact into a hung ceiling (grid ceiling), we recommend to use the House A for small- and middle sized projectors. House A is made of 2mm aluminum and the surface is powder-coated in white. It is important to have enough space (about 5 cm) around the House A to cool the projector inside. In the price list below you will find the price for House A.

Additionals on charge	PCS
Visual cover-/ mounting-house A	

House B

If you want to install the Robolift Compact into a hung ceiling (grid ceiling), we recommend to use the house B for projectors. House B is made of 2mm aluminum and the surface is powder-coated in white. The massive adapter plate is made of 8mm thick aluminum. It is important to have enough space (about 5-10 cm) around the House B to cool the projector inside. In the price list below you will find the price for House B.

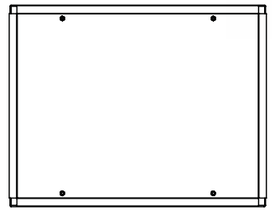


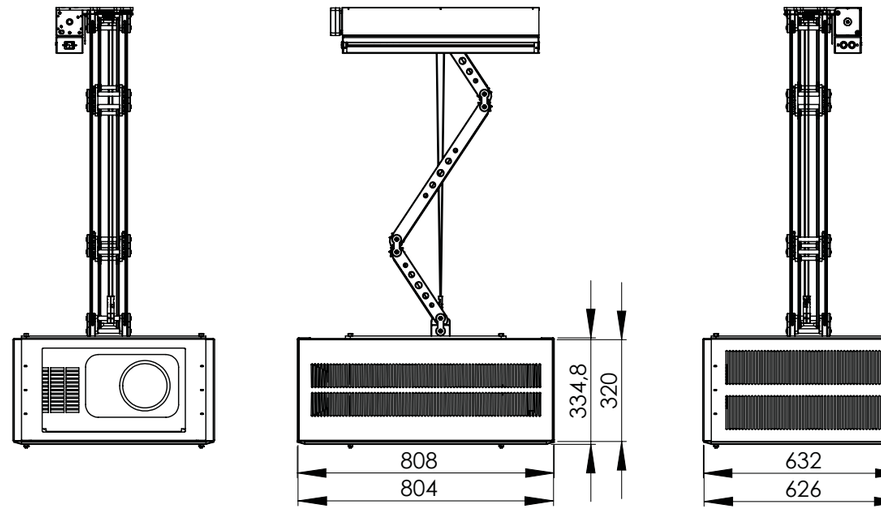
Additionals on charge	PCS
Visual cover-/ mounting-house B	

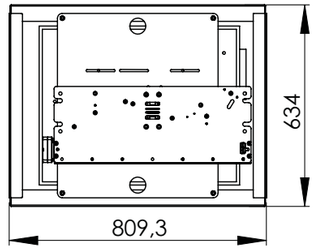
House C

If you want to install the Robolift Compact into a hung ceiling (grid ceiling), we recommend to use the house C for projectors. The loadable weight capacity is not allowed to be bigger than the maximum weight of the projector. This is House C used with the Barco RLM W12. House C is made of 2mm aluminum and the surface is powder-coated in white. The massive adaptor plate is made of 8mm thick aluminum. It is important to have enough space (about 5-10 cm) around the House C to cool the projector inside. In the price list below you will find the price for House C.

NEW!
Visual cover-/ mounting-house C, such as Barco RLM W12,
near pictured with Robolift C100.

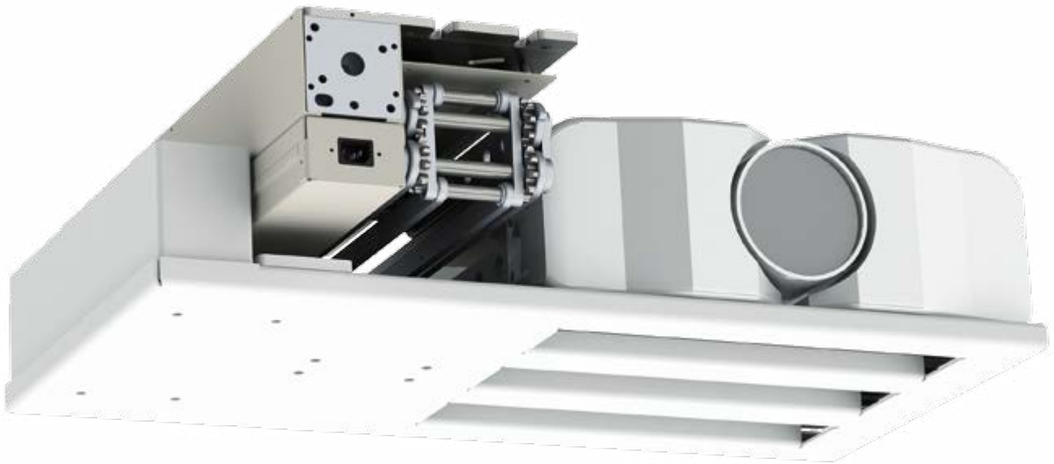






Additionals on charge	PCS
Visual cover-/ mounting-house C	

Balance



If you want to install the Robolift Compact into a really slim hung ceiling (grid ceiling), we recommend to use the Balance plate for the projector. The loadable weight capacity is not allowed to be bigger than the maximum weight of the projector. The Balance plate is made of really strong aluminum sheet increased with additional edges and weld seam.

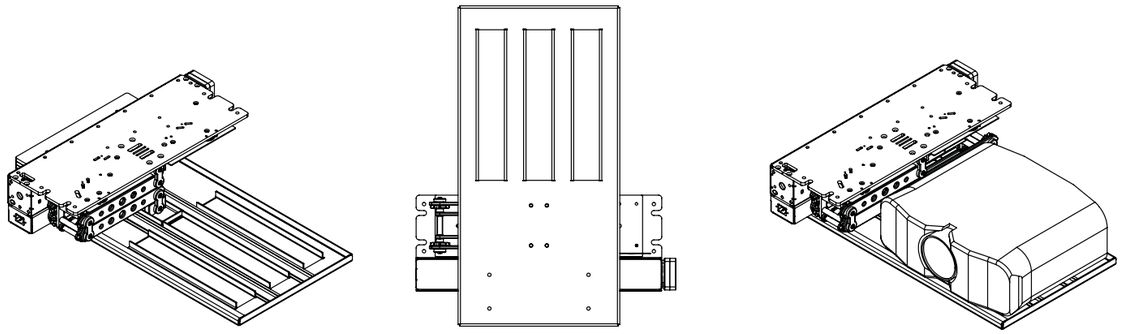
You have to use additional weights beside the projector on the Balance plate. In the price list below you will find the prices for the additional weight and the Balance plate.

It is advisable to provide an additional revision hatch for maintenance. To plan your ceiling hole, please look at our drawings.

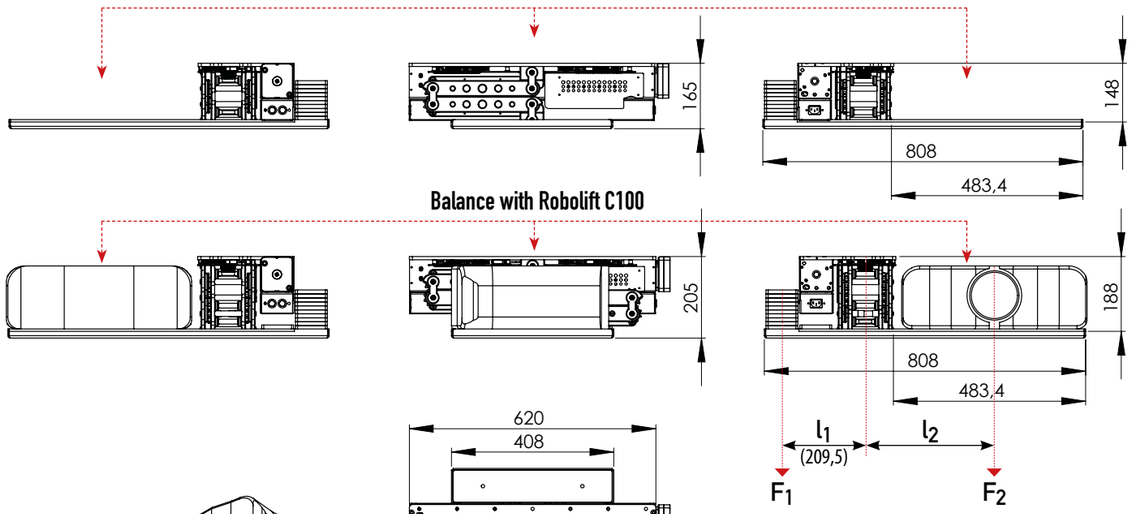
Balance Version with Robolift C050

Balance Version with Robolift C100

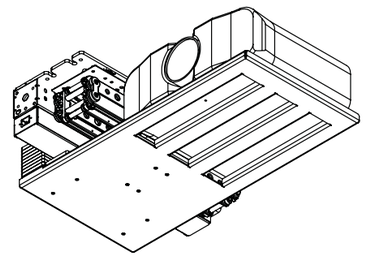
Flatter than flat.



Balance with Robolift C050



Balance with Robolift C100



Lever rule (formula):
$F_1 \times l_1 = F_2 \times l_2$

Counterweight to calculate:
$F_1 = F_2 \times l_2 / l_1$

Example:
Projector weighs 18 kg, $l_2 = 330$
F1 = 18 x 330 / 209,5 = ~28,35 kg

Additionals on charge	PCS
Balance bracket cassette, white	
Steel weights a 2,5 kg. white	

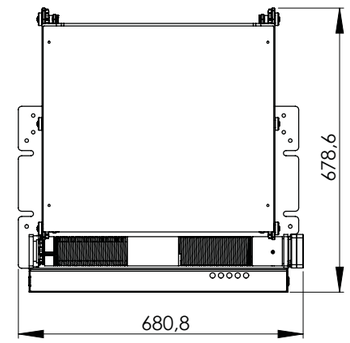
F100/ type 580

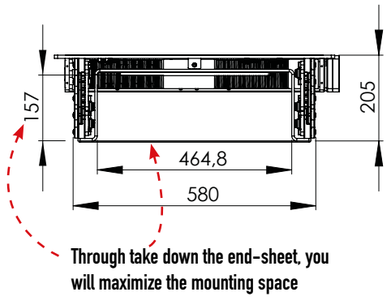
to mounting in a grid ceiling, with a grid of 625

Robolift Flat, the slimline lift for special installations and small space.

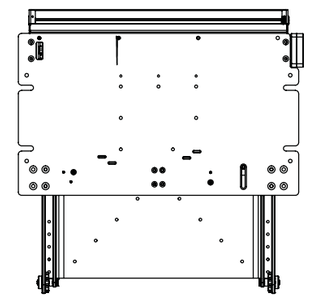
It is the optimal supplement to Robolift Compact – they share many things in common, but they are different too. The Robolift Flat is very usefull, if you have not enough space in your hung ceiling. Robolift flat is only 205mm high, but offers an enormous capacity. It is closed not much higher than the build in object. For mounting on the finished concrete pavement is an optional sheet metal panel available.

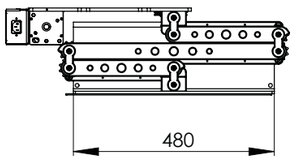
more on side 34 ...





Through take down the end-sheet, you will maximize the mounting space





Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	maxi-male Hubläng-ge	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
F100/ Typ 580			-	5,8 kg	0,95 m	24,0 kg	50,2 kg	Gemini/ 25Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	
End-sheet 503 x 503 mm, white	
IEC (power) connector cable 1,8 m	

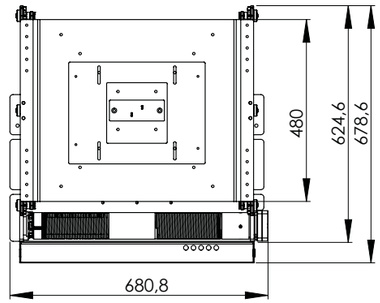
Adaption plates* alu precision material AlMg4,5Mn	PCS
max. 250 x 250 x 8 mm	
max. 350 x 350 x 8 mm	
max. 450 x 450 x 8 mm	

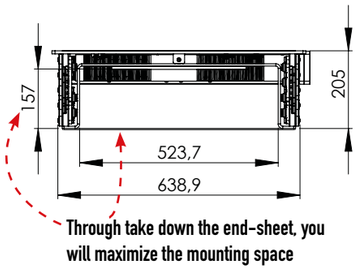
*constructing, pro-gramming,milling, under specification

F100/ type 639

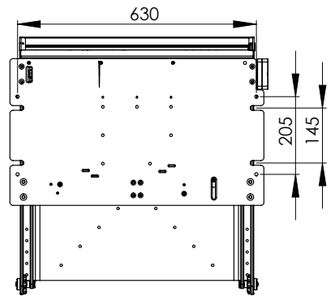
to mounting in a plasterboard ceiling

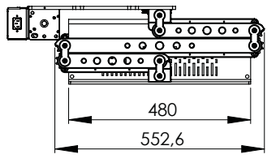
If mounted in a hung ceiling you can attach the ceiling plate directly on the rear panel. The applications are only limited trough your mind. Treat yourself with our beautiful Robolift flat and inspire others if your application works and is ready for use. For your projector you need an optional adapter plate, which is custom made and projector-specific. The integration into a media control is possible.

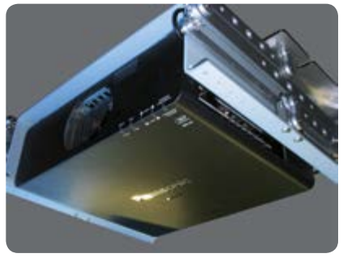




Through take down the end-sheet, you will maximize the mounting space







Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	maxi-male Hublän-ge	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
F100/ Typ 639			-	5,8 kg	0,95 m	24,0 kg	50,2 kg	Gemini/ 25Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	
End-sheet 503 x 503 mm, white	
IEC (power) connector cable 1,8 m	

Adaption plates* alu precision material AlMg4,5Mn	PCS
max. 250 x 250 x 8 mm	
max. 350 x 350 x 8 mm	
max. 450 x 450 x 8 mm	

*constructing, pro-gramming,milling, under specification

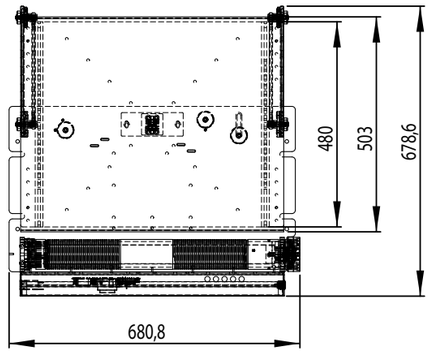
Mechatronic Darmstadt/ Germany

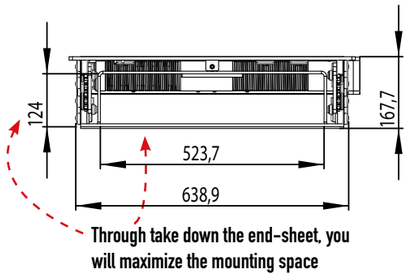
F050/ type 639

Superflat to mounting in a plasterboard ceiling

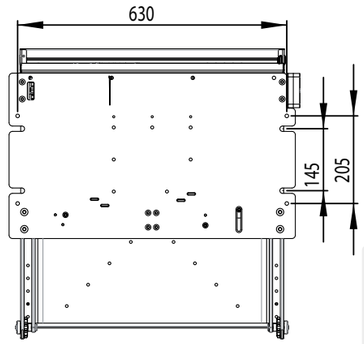
If you don‘t have enough space, take our superflat Robolift® F050/ type 639. This model is to use to mounting a projector with matching size in a plasterboard ceiling. Cut-out the plasterboard on the right place and fit a custom-made install-frame. At the delivery parts you have an end-coversheet which you can use to close the ceiling cut-out, if the lift is installed.

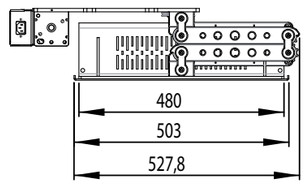
Mechatronic Darmstadt/ Germany





Through take down the end-sheet, you will maximize the mounting space



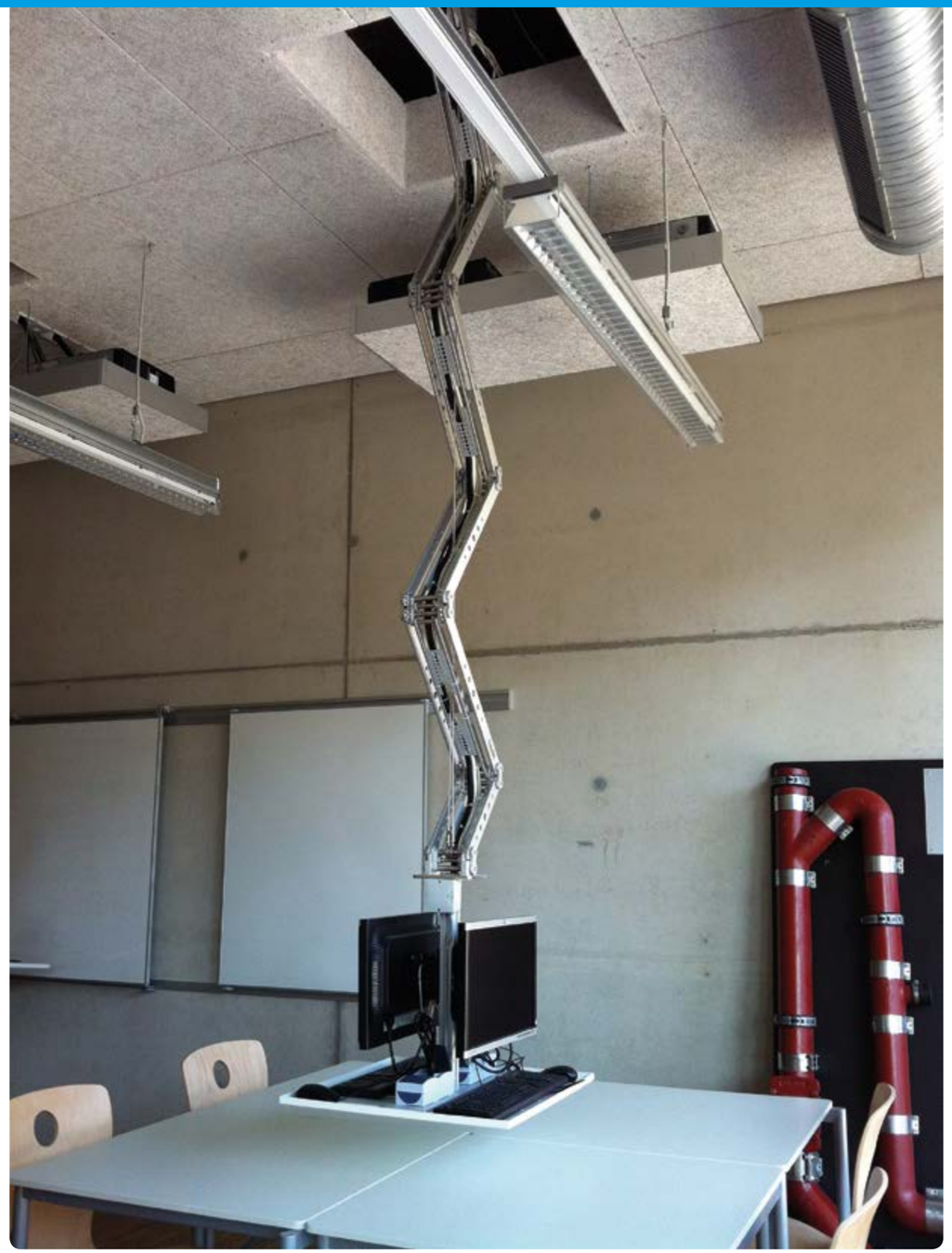


Type/ aluparts silver anodized. All sheetparts white coated, likely RAL9010, fine structured, matt.	Price PCS	Aluparts/ sheet-parts RAL colour	Cable chan-nel	Fold me-cha-nism weight	maxi-male Hubläng-e	Lift full weight	loada-ble weight capa-city	Motortype Somfy 230V AC Safety class I
F050/ Typ 639			-	3,9 kg	0,55 m	22,1 kg	51,2 kg	Gemini/ 25Nm

Additionals on charge	PCS
Remote control unit	
Remote handheld transmitter	
Minijack connector, cable size 1,2	
Minijack connector, cable size 2,0	
End-sheet 503 x 503 mm, white	
IEC (power) connector cable 1,8 m	

Adaption plates* alu precision material AlMg4,5Mn	PCS
max. 250 x 250 x 8 mm	
max. 350 x 350 x 8 mm	
max. 450 x 450 x 8 mm	

*constructing, pro-gramming,milling, under specification



School of Bad Aibling/ Germany

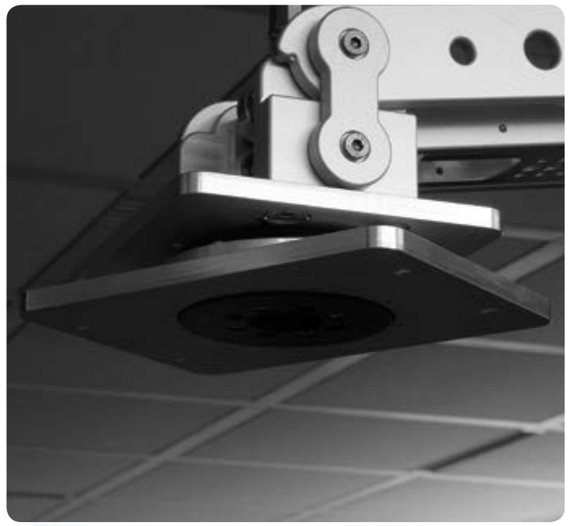
Robolift® Ideas

Darmstadium Darmstadt/ Germany

Turn mechanism

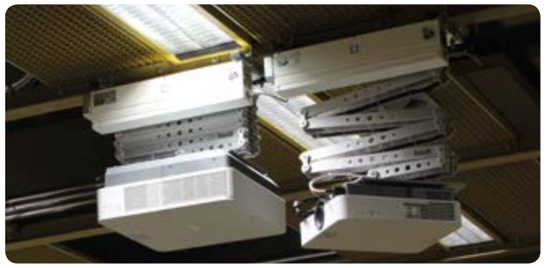
Turn mechanism, manually, to fit to every Robolift Compact Types, 360° by hand turnable.

Turn your projector or flatscreen in the right position.



Electronically version is coming soon!

Robolift® Ideas



Teleloop *Column*

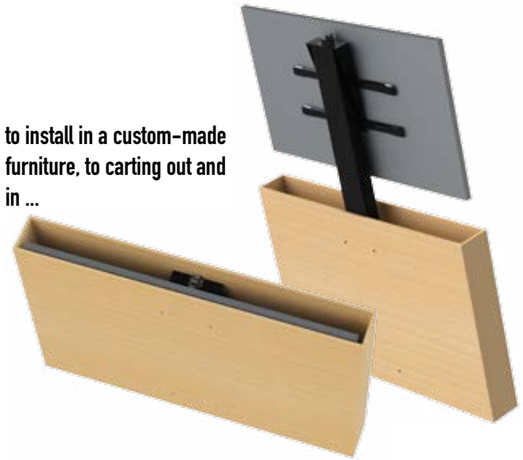
You can use our Teleloop Column TV-Lift in your furniture. Only with one button the Teleloop lifts or lowers your screen in front of a wall or in a cabinet. An additional way is to use a remote-control.

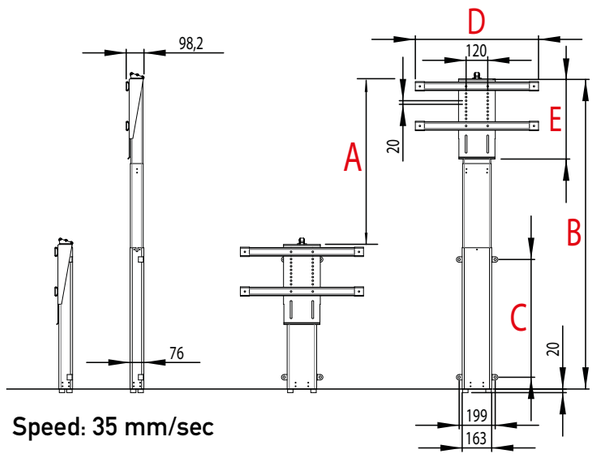
The maximum display weight is 60kg and lifting speed is 35mm per second.

Example of application:

Teleloop Column – Special application (additionals on charge)

to install in a custom-made furniture, to carting out and in ...

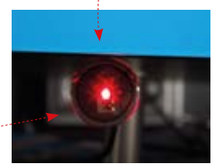




Speed: 35 mm/sec

Types/ measures in mm	A	B	C	D	E
Column 650	650	1220	430	550	410
Column 780	780	1465	545	660	450
Column 914	914	1709	650	760	510

Power supply: 220-240VAC, 50Hz, 96VA
output: 29VDC/ 1,1A



Types/ All sheetparts black coated, likely RAL9005, with spindle actuator	Price PCS	power supply, IR-eye, remote, switch	Flat-screen size max.	Display or flat mount-ting set	Lift max. travel	Lift full weight	loada-ble weight capa-city	Motor Type 29V DC
Column 650		incl.	to 42"	incl.	0,65 m	21,9 kg	60 kg	Spindle actua.
Column 780		incl.	to 50"	incl.	0,78 m	24,9 kg	60 kg	Spindle actua.
Column 914		incl.	to 60"	incl.	0,91 m	27,4 kg	60 kg	Spindle actua.

Additionals on charge (spare!)	PCS
Remote handheld** ●	
Power supply, incl. control unit** ●	
Eye (IR)** ●	
Switch, wired** ●	
**every 1 PCS included at delivery,	
you need more for spare only	

Adaption plates* alu precision material AlMg4,5Mn	PCS
max. 250 x 250 x 8 mm	
max. 350 x 350 x 8 mm	
max. 450 x 450 x 8 mm	

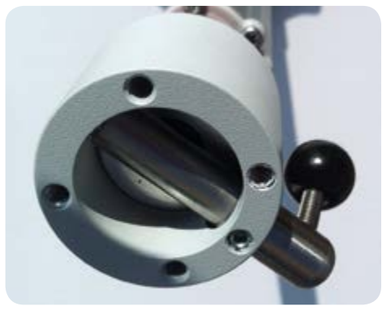
*constructing, pro-gramming,milling, under specification

CAD Datas on request!

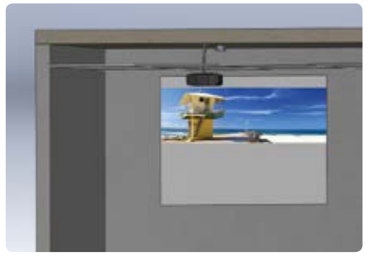
Teleloop *eMount*

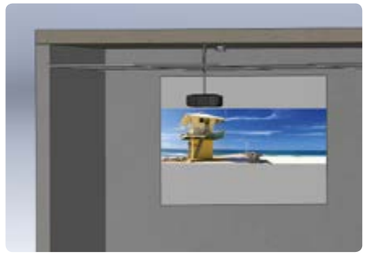
Our modern lift system Teleloop eMount is a ground and ceiling hybrid-lift. With this technology you can change the position of your projector. So it is possible to use different projection ratios like 4:3, 16:9 or 16:10.

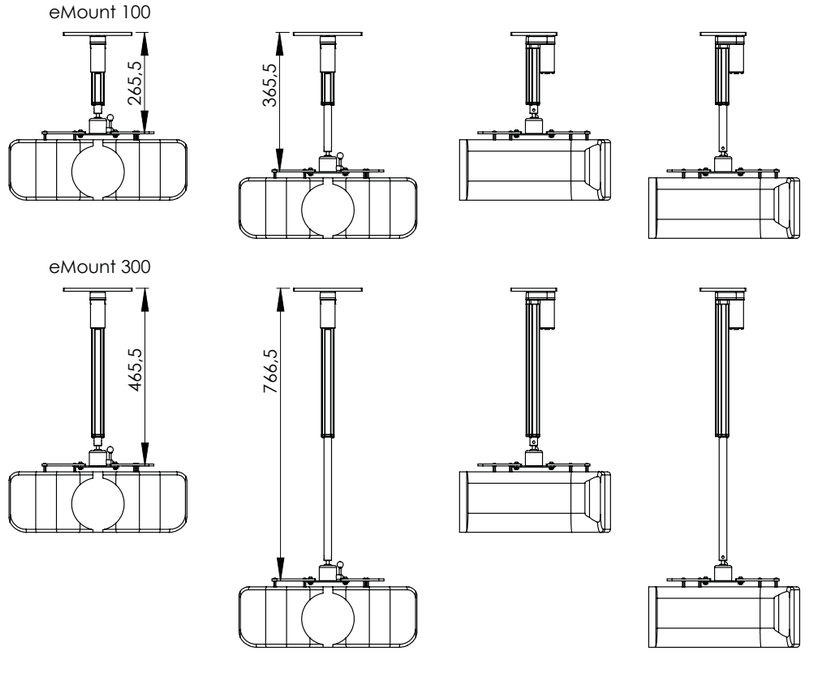
The lift comes with power supply, remote-control and a hand-push-button. Because of the screw-driven-lift-technology the Teleloop eMount is absolutely reliable and moves projectors till 30kg. The silver corpus and the whole design are timeless and modern. The ball head is the perfect way to adjust your projector very easily.



Teleloop eMount – to adjust the picture ratio 4:3, 16:10 or 16:9, on the screen







Types aluparts silver anodized, plasticparts silvergrey, with spindle actuator, headpart silver coated	Price PCS	Power supply, receiver 130 x 78 x 97 mm	Remote control unit	Reverse using possible	travel range max.	Total weight	loadable weight capacity	Motor Type 24V DC 2A IP66
eMount 100		incl.	incl.	yes	100 mm	1.25 kg	30 kg	Spindle actua.
eMount 300		incl.	incl.	yes	300 mm	1.45 kg	30 kg	Spindle actua.

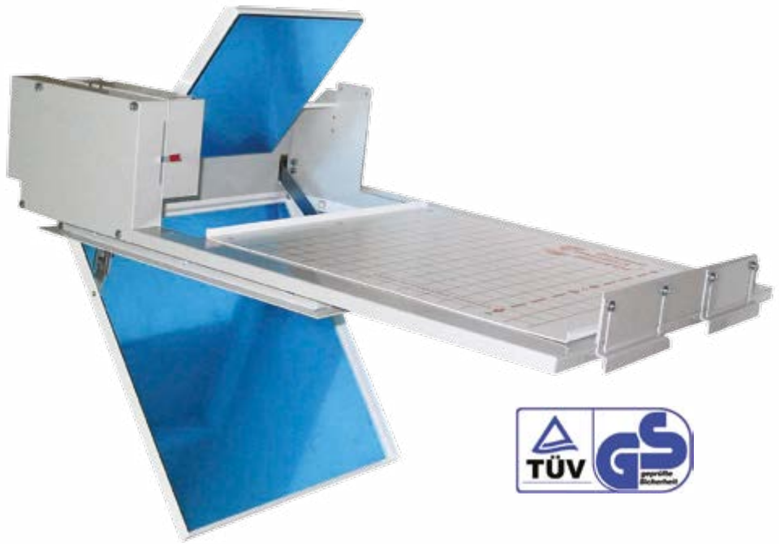
Additionals on charge	
Universal spider unit	
Screw-Set M3	
Screw-Set M4	
Screw-Set M5	
Screw-Set M6	
Screw-Set M3, M4, M5, M6	
Beamer plate* AlMg3, 3 mm thick	
Beamer plate* AlMg3, 5 mm thick	

Additionals on charge (spare)	PCS
Remote handheld	
Power supply and receiver	

*constructing, programming,milling, under specification

CAD Datas on request!

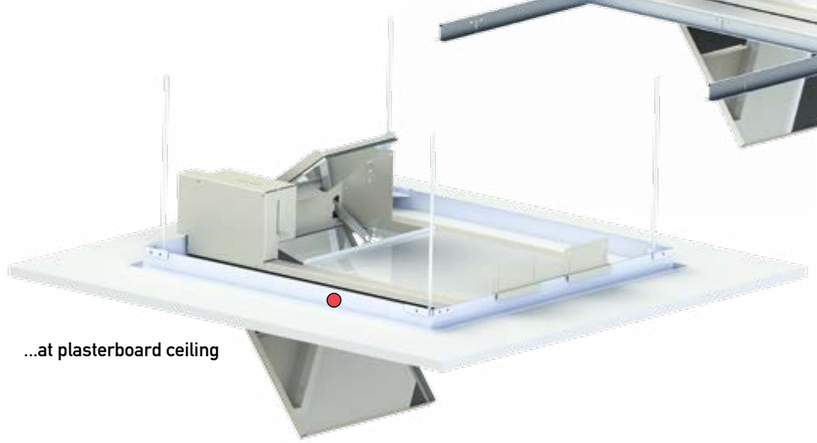
Teleloop *Mirror*



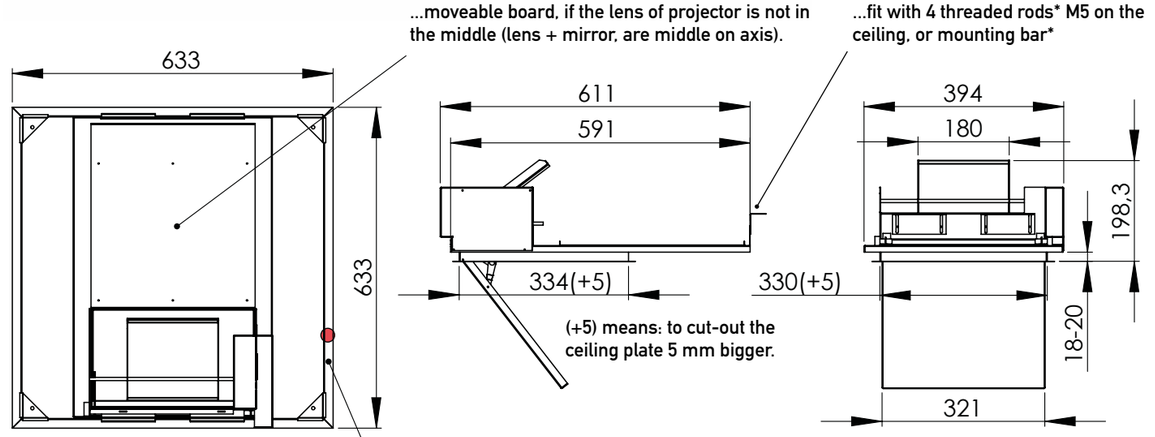
The Teleloop Mirror is the perfect way to install a projector invisible into your plasterboard hung-ceiling. You have to cut a 339 x 335 mm hole in your plasterboard to use the extendable ceiling mirror. It is much easier to install the mirror with the red highlighted aluminum frame for mounting. The control of the mirror works with a normal contact.

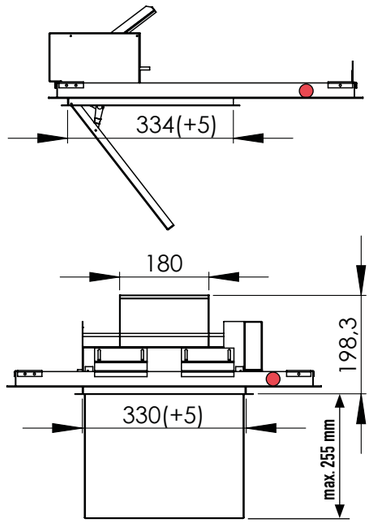
Teleloop Mirror

...at ceiling grid 625 mm



...at plasterboard ceiling


...moveable board, if the lens of projector is not in the middle (lens + mirror, are middle on axis).
...fit with 4 threaded rods* M5 on the ceiling, or mounting bar*
633
633
611
591
334(+5)
(+5) means: to cut-out the ceiling plate 5 mm bigger.
394
180
198,3
330(+5)
18-20
321
...optional: mounting frame* for plasterboard ceilings, hang the frame with 4 threaded rods* M5 down.
*optional



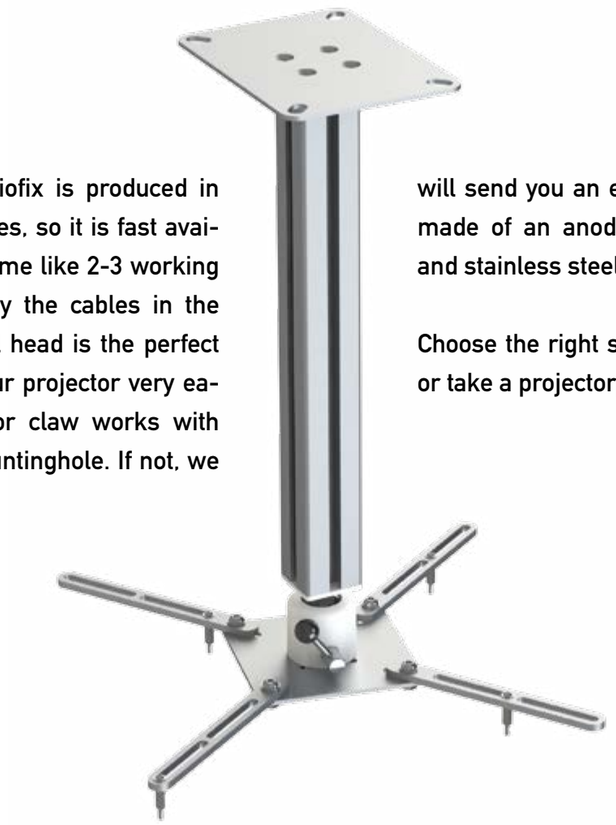
All sheetparts coated grey, hinge board with mirror (white), opening axis by hand gear adjustable	Price PCS	Electrical connection	Remote unit	Control over contact port	Power, Safety class I	Total weight	Angle mirror in/ out	Motor Type 230V 10W AC
Mirror		plug	opt.	opener	230V	8.2 kg	37°/53°	alt./curr.

Additionals on charge	
Mounting frame for plasterboard ●	
Set threaded rods 4x M5 x 0,5 m	
Set threaded rods 4x M5 x 1,0 m	
Cover sheet w. cut-out 635C	
Remote control unit RF	
Beamer adjust system 2 aluplates*	
Cleansing foam for mirror	
Micro fibrous rag, 2 PCS	

*constructing, programming,milling, under specification

CAD Datas on request!

Grabber *Variofix*



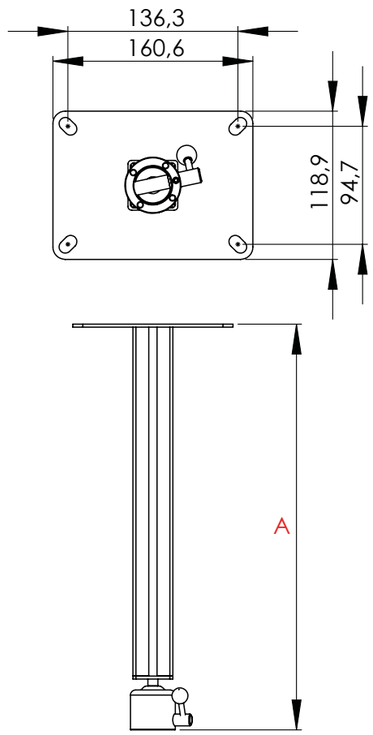
The Grabber Variofix is produced in variable fixed sizes, so it is fast available in a short time like 2-3 working days. You can lay the cables in the grooves. The ball head is the perfect way to adjust your projector very easily. The projector claw works with nearly every mountinghole. If not, we will send you an extension. The Variofix is made of an anodized/ painted aluminum and stainless steel.

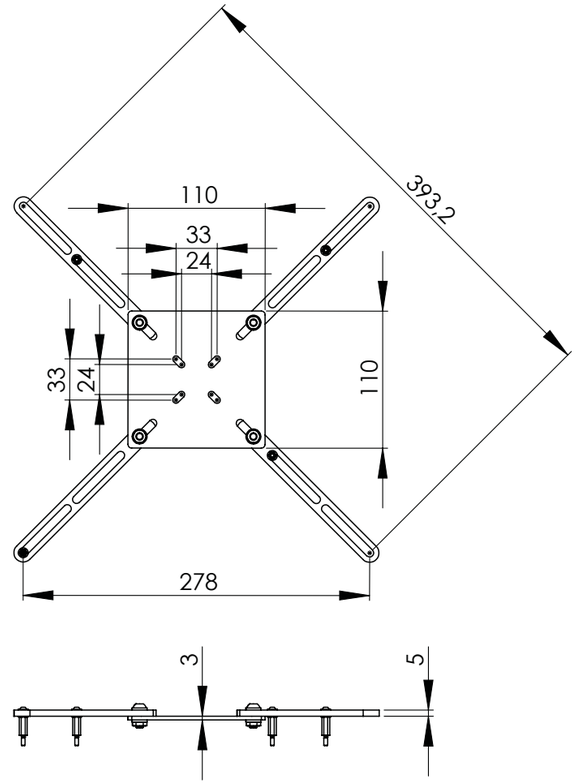
Choose the right screws for your projector or take a projectorplate.

Additionals on charge	
Universal spider	
Screw-Set M3	
Screw-Set M4	
Screw-Set M5	
Screw-Set M6	
Screw-Set M3, M4, M5, M6	
Beamer plate* AlMg3, 3 mm thick	
Beamer plate* AlMg3, 5 mm thick	

*constructing, programming,milling, under specification

Grabber Variofix

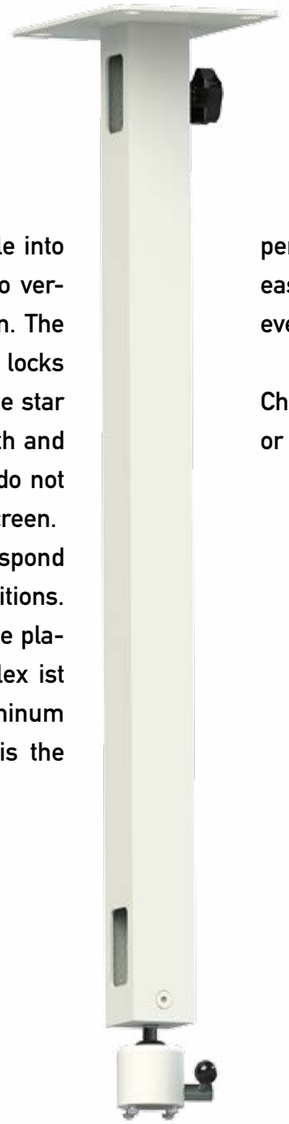




Article-name	Price	Length A	own weight	max. load
Variofix 100		100 mm	0,41 kg	20 kg
Variofix 150		150 mm	0,48 kg	20 kg
Variofix 200		200 mm	0,55 kg	20 kg
Variofix 250		250 mm	0,62 kg	20 kg
Variofix 300		300 mm	0,69 kg	20 kg
Variofix 350		350 mm	0,76 kg	20 kg
Variofix 400		400 mm	0,83 kg	20 kg
Variofix 450		450 mm	0,90 kg	20 kg
Variofix 500		500 mm	0,97 kg	20 kg
Variofix 550		550 mm	1,04 kg	20 kg
Variofix 600		600 mm	1,11 kg	20 kg
Variofix 650		650 mm	1,18 kg	20 kg
Variofix 700		700 mm	1,25 kg	20 kg
Variofix 750		750 mm	1,32 kg	20 kg
Variofix 800		800 mm	1,39 kg	20 kg
Variofix 850		850 mm	1,46 kg	20 kg
Variofix 900		900 mm	1,53 kg	20 kg
Variofix 950		950 mm	1,60 kg	20 kg
Variofix 1000		1000 mm	1,67 kg	20 kg

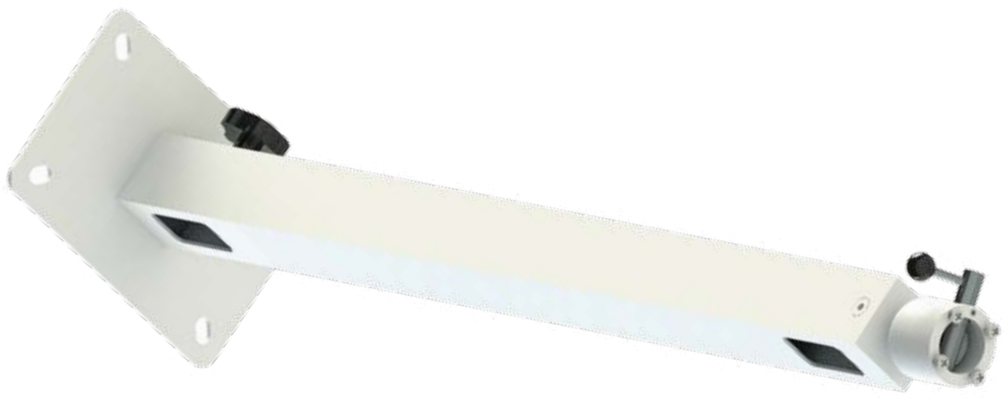
Article-name	Price	Length A	own weight	max. load
Variofix 1050		1050 mm	1,74 kg	20 kg
Variofix 1100		1100 mm	1,81 kg	20 kg
Variofix 1150		1150 mm	1,88 kg	20 kg
Variofix 1200		1200 mm	1,95 kg	20 kg
Variofix 1250		1250 mm	2,02 kg	20 kg
Variofix 1300		1300 mm	2,09 kg	20 kg
Variofix 1350		1350 mm	2,16 kg	20 kg
Variofix 1400		1400 mm	2,23 kg	20 kg
Variofix 1450		1450 mm	2,30 kg	20 kg
Variofix 1500		1500 mm	2,37 kg	20 kg
Variofix 1550		1550 mm	2,44 kg	20 kg
Variofix 1600		1600 mm	2,51 kg	20 kg
Variofix 1650		1650 mm	2,58 kg	20 kg
Variofix 1700		1700 mm	2,65 kg	20 kg
Variofix 1750		1750 mm	2,72 kg	20 kg
Variofix 1800		1800 mm	2,79 kg	20 kg
Variofix 1850		1850 mm	2,86 kg	20 kg
Variofix 1900		1900 mm	2,93 kg	20 kg
Variofix 1950		1950 mm	3,00 kg	20 kg

Grabber *Uniflex*

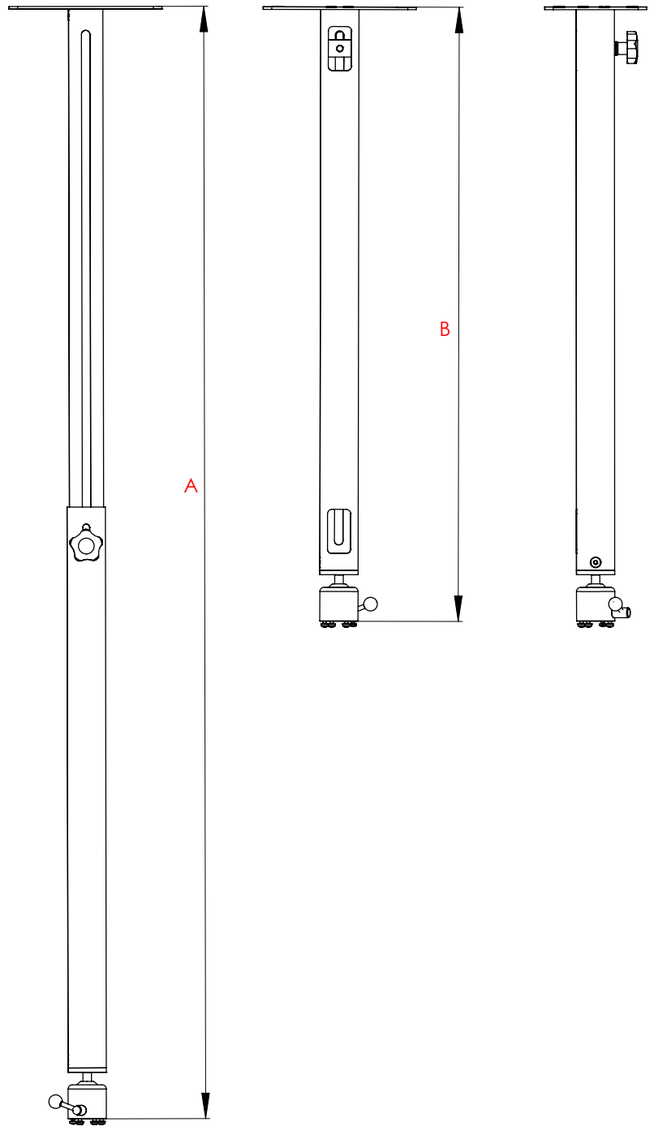


The Grabber Uniflex fits variable into your hung ceiling. We offer two versions: 40-70 mm or 70-130 mm. The adjustable projector mounts locks with a star knob. If you open the star knob, you can change the length and fix them. This is useful, if you do not know the matching projectionscreen. Threw the mounting you can respond with the Uniflex to different conditions. The cable management can take place inside the Uniflex. The Uniflex ist made of a powder coated aluminum in white color. The ball head is the perfect way to adjust your projector very easily. The projector claw works with nearly every mountinghole.

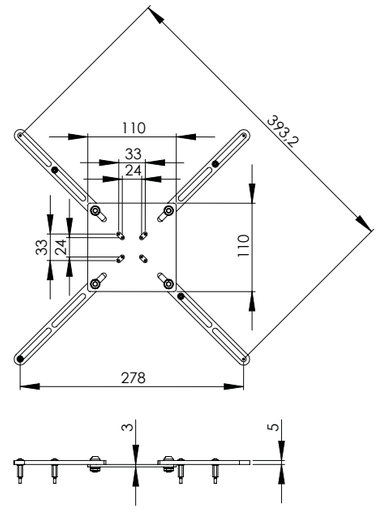
Choose the right screws for your projector or take a projectorplate.



Grabber Uniflex



Universal spider - very stable, made of stainles steel

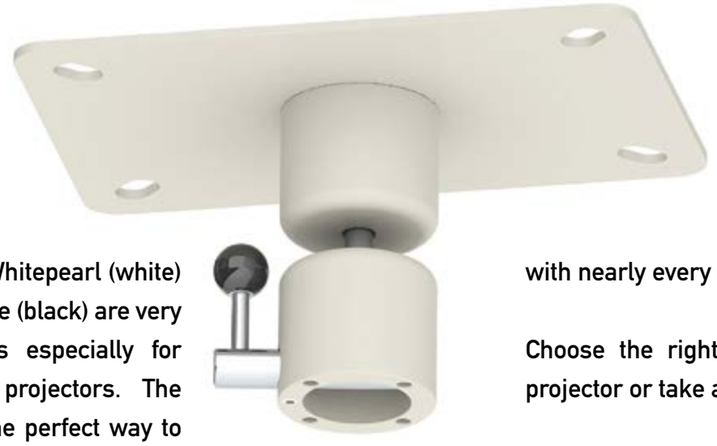


Article-name	Price	Length A	Length B	own weight	max. load
Uniflex 40-70		70 cm	40 cm	1,2 kg	20 kg
Uniflex 70-130		130 cm	70 cm	2,2 kg	20 kg

Additionals on charge	
Universal spider	
Screw-Set M3	
Screw-Set M4	
Screw-Set M5	
Screw-Set M6	
Screw-Set M3, M4, M5, M6	
Beamer plate* AlMg3, 3 mm thick	
Beamer plate* AlMg3, 5 mm thick	

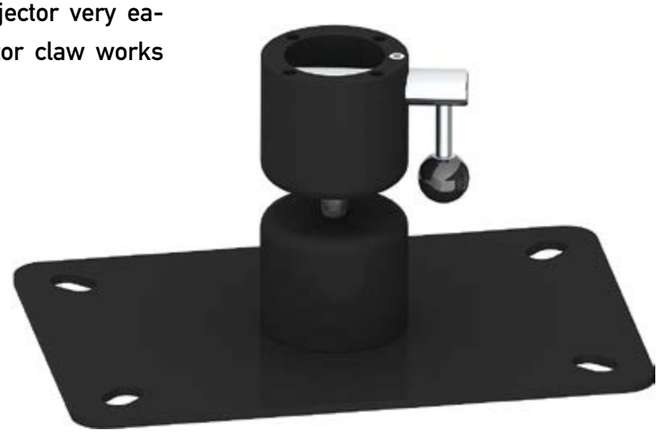
*constructing, programming,milling, under specification

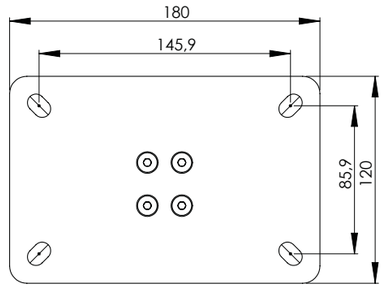
Grabber *Whitepearl & Blackpirate*

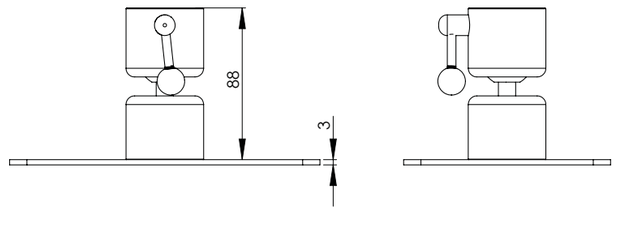


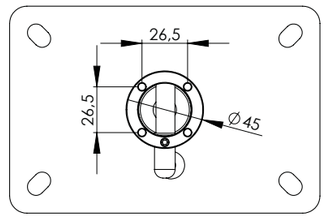
The Grabber Whitepearl (white) and Blackpirate (black) are very short versions especially for homecinema projectors. The ball head is the perfect way to adjust your projector very easily. The projector claw works with nearly every mountinghole.

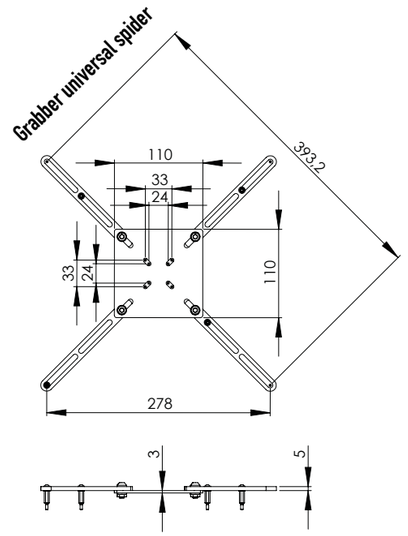
Choose the right screws for your projector or take a projectorplate.











Article-name	Price	Length	Colour	own weight	max. load
Whitepearl		10 cm	weiss	0,5 kg	20 kg
Blackpirate		10 cm	schwarz	0,5 kg	20 kg

Additionals on charge	
Universal spider	
Screw-Set M3	
Screw-Set M4	
Screw-Set M5	
Screw-Set M6	
Screw-Set M3, M4, M5, M6	
Beamer plate* AlMg3, 3 mm thick	
Beamer plate* AlMg3, 5 mm thick	

*constructing, programming,milling, under specification

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every prices in this catalogue are based on ex. works, ex. taxes, ex. packaging

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